

imaginary number -

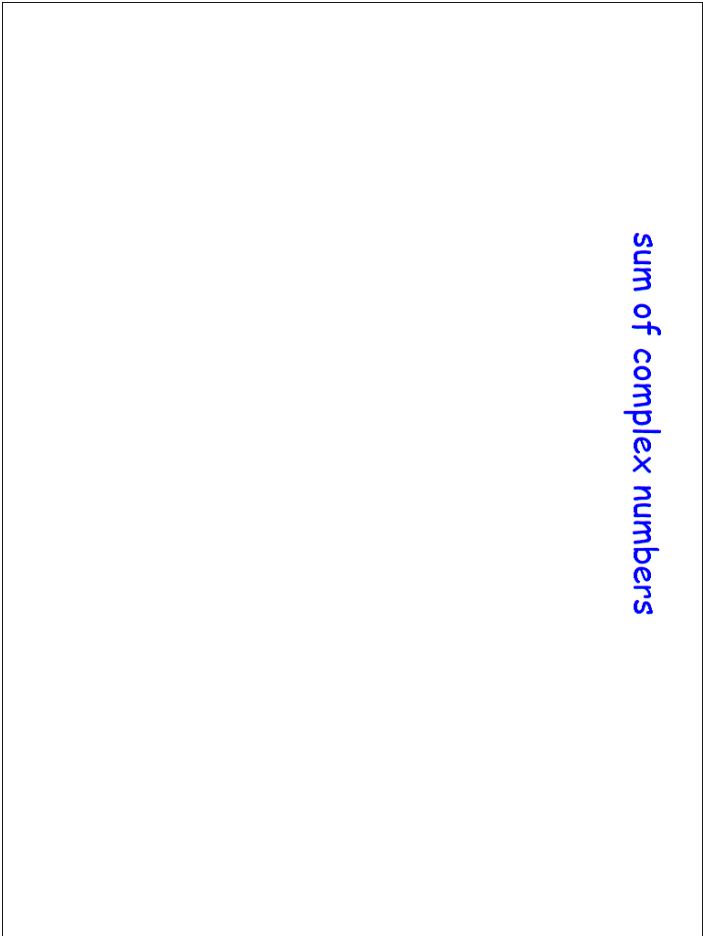
powers of i

powers of i

complex number written in standard form

 a and b are real numbers

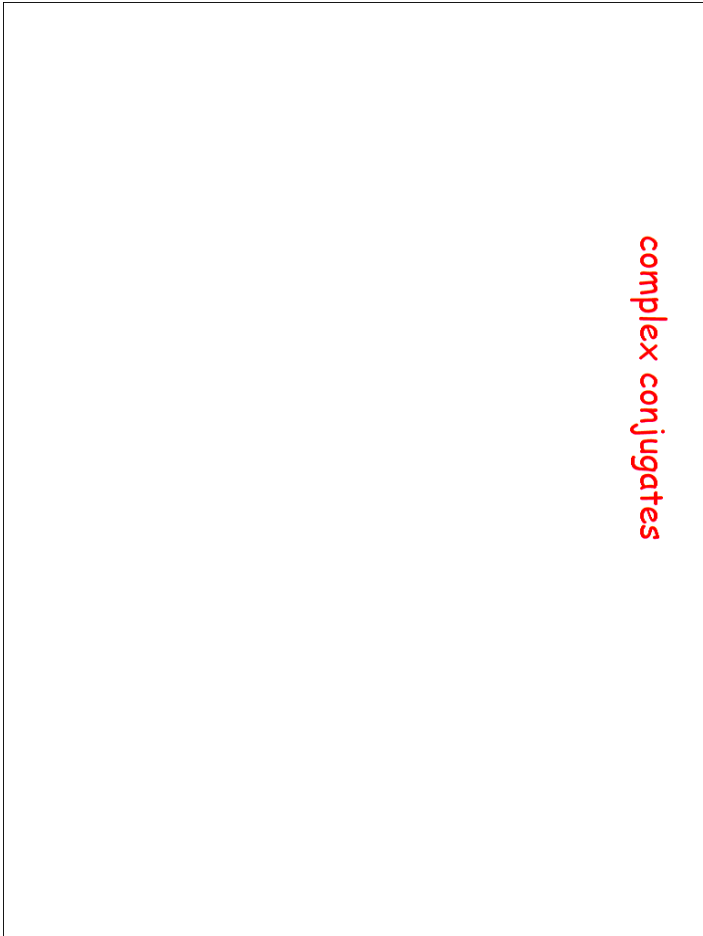
sum of complex numbers



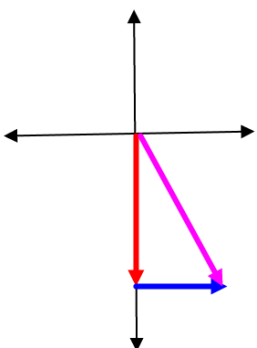
difference of complex numbers



complex conjugates



absolute value of a complex number



solve

$$a^2 = -624$$

solve

$$x^2 + 9 = 5$$

solve

$$3x^2 + 8 = -9x^2 + 5$$

write in standard form

$$(5 - 3i) + (6 + 4i)$$

write in standard form

$$(-3 - 6i) - (4 - 6i)$$

write in standard form

$$6i(3 + 2i)$$

write in standard form

$$5i(3 + 2i)$$

$$-i(4 - 7i)$$

write in standard form

$$\frac{4 + 6i}{12i}$$

write in standard form

$$\frac{7+4i}{1-3i}$$

Find the absolute value of the complex number.

$$3+4i$$

Find the absolute value of the complex number.

$$-3+8i$$

Find the absolute value of the complex number.

$$6+8i$$